

Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 206, Nos. 1 & 2, March 2000

T. Baba and M. Yamaguchi: Stimulatory effect of regucalcin on proteolytic activity is impaired in the kidney cortex cytosol of rats with saline ingestion	1-6
E. Carvalho, C. Rondinone and U. Smith: Insulin resistance in fat cells from obese Zucker rats—Evidence for an impaired activation and translocation of protein kinase B and glucose transporter 4	7-16
S. Mukhopadhyay-Sardar, M.P. Rana and M. Chatterjee: Antioxidant associated chemoprevention by selenomethionine in murine tumor model	17-25
G.S. Gupta and B.P.S. Kang: Molecular and kinetic properties of sperm specific LDH after radiation inactivation	27-32
A. Jahangiri, W.R. Leifert, G.S. Patten and E.J. McMurchie: Termination of asynchronous contractile activity in rat atrial myocytes by n-3 polyunsaturated fatty acids	33-41
S. Fukumi, J. Horiguchi-Yamada, S. Nakada, M. Nagai, T. Ohno and H. Yamada: Differential responses of Bcl-2 family genes to etoposide in chronic myeloid leukemia K562 cells	43-50
S. Kopprasch, K. Richter, W. Leonhardt, J. Pietzsch and J. Gräßler: Urate attenuates oxidation of native low-density lipoprotein by hypochlorite and the subsequent lipoprotein-induced respiratory burst activities of polymorphonuclear leukocytes	51-56
C. Esposito, M.L. Lombardi, V. Ruocco, A. Cozzolino, L. Mariniello and R. Porta: Implication of tissue transglutaminase and desmoplakin in cell adhesion mechanism in human epidermis	57-65
V.P. Pollock, E.J. Lofthouse, O.J. Jupp, S.B. Gauld, H.M. Anderson and D.J. MacEwan: Selective down-regulation of the G_{α}/G_{11} α G-protein family in tumour necrosis factor- α induced cell death	67-74
B. Velázquez, R.C. Garrad, G.A. Weisman and F.A. González: Differential agonist-induced desensitization of P2Y ₂ nucleotide receptors by ATP and UTP	75-89
N. Nawani and J. Kaur: Purification, characterization and thermostability of lipase from a thermophilic <i>Bacillus</i> sp. J33	91-96
S. Musavi and P. Kakkar: Pro and antioxidant responses to repeated administration of diazepam in rat brain	97-103
T. Volk, M. Hensel, H. Schuster and W.J. Kox: Secretion of MCP-1 and IL-6 by cytokine stimulated production of reactive oxygen species in endothelial cells	105-112
D. Bell and B.J. McDermott: Contribution of <i>de novo</i> protein synthesis to the hypertrophic effect of IGF-1 but not of thyroid hormones in adult ventricular cardiomyocytes	113-124
X. Shi, J. Ye, S.S. Leonard, M. Ding, V. Vallyathan, V. Castranova, Y. Rojanasakul and Z. Dong: Antioxidant properties of (-)-epicatechin-3-gallate and its inhibition of Cr(VI)-induced DNA damage and Cr(IV)- or TPA-stimulated NF- κ B activation	125-132
J. Pałka, E. Bańkowski and S. Jaworski: An accumulation of IGF-I and IGF-binding proteins in human umbilical cord	133-139
K. Prasad, S.V. Mantha, A.D. Muir and N.D. Westcott: Protective effect of secoisolariciresinol diglucoside against streptozotocin-induced diabetes and its mechanism	141-150
T.L. Broderick, W. Driedzic and D.J. Paulson: Propionyl-L-carnitine effects on postischemic recovery of heart function and substrate oxidation in the diabetic rat	151-157
W.E. Roediger and W.J. Babidge: Nitric oxide effect on colonocyte metabolism: Co-action of sulfides and peroxide	159-167
P.-W. Hsiao, T.H. Thin, D.-L. Lin and C. Chang: Differential regulation of testosterone vs. 5 α -dihydrotestosterone by selective androgen response elements	169-175
A.K. Srivastava: Anti-diabetic and toxic effects of vanadium compounds	177-182
Index to Volume 206	183-185